What is claimed is:

1. A polymeric binder comprising a polymer having a glass transition temperature in the range from -20°C to 25°C, an average particle diameter in the range from 250 to 400 nm, and an acid component present in a range from 1 to 10 wt.% of the polymer.

2. The binder of Claim 1 wherein the polymer has a particle size distribution such that essentially all the particles have a diameter in the range from 130 to 450 nm.

3. The binder of Claim 1 wherein the acid component is present in a range from 1 to 3 wt.% of the binder.

4. The binder of Claim 1 wherein the acid component is selected from the group consisting of acrylic acid, methacrylic acid, itaconic acid, maleic acids, vinylsulfonic acid, and acid derived from methacrylic anhydride, maleic anhydride, sodium vinylsulfonate and acrylamidopropane sulfonate, or combinations thereof.

5. A polymer emulsion useful as a binder in inkjet inks comprising

(a) one or more monomers selected from the group consisting of acrylates, methacrylates, styrene, substituted stryene, fluoromethacrylates, vinyl acrylates, vinyl acetates, acrylamides, substituted acrylamides, methacrylamides, and substituted methacrylamides, and

(b) an acid component selected from the group consisting of acrylic acid, methacrylic acid, itaconic acid, maleic acids, vinylsulfonic acid, and acid derived from methacrylic anhydride, maleic anhydride, sodium vinylsulfonate and acrylamidopropane sulfonate, or combinations thereof, wherein the acid component is present in a range from 1 to 10 wt.% of the polymer;

wherein the polymer has a glass transition temperature in the range from -20°C to 25°C, and an average particle diameter in the range from 250 to 400 nm, and a particle size distribution such that essentially all the particles have a diameter in the range from 130 to 450 nm.

6. The polymer of Claim 5 wherein the acid component comprises acrylic acid or methacrylic acid or a combination thereof.

7. The polymer of Claim 5 wherein the polymer comprises acid component in the range from 1 to 3 wt.% of the polymer.

8. An ink binder comprising a polymer consisting essentially of:

(a) one or more monomers selected from the group consisting of acrylates, methacrylates, styrene, substituted stryene, fluoromethacrylates, vinyl acrylates, vinyl acetates, acrylamides, substituted acrylamides, methacrylamides, substituted methacrylamides, and

(b) an acid component selected from the group consisting of acrylic acid, methacrylic acid, itaconic acid, maleic acids, vinylsulfonic acid, and acid derived from methacrylic anhydride, maleic anhydride, sodium vinylsulfonate and acrylamidopropane sulfonate, or combinations thereof, wherein the acid component is present in a range from 1 to 3 wt.% of the polymer;

wherein the polymer has a glass transition temperature in the range from -20°C to 25°C, and an average particle diameter in the range from 250 to 400 nm.

9. The binder of Claim 8 wherein the acid component is acrylic acid or methacrylic acid, or combinations thereof.

10. The binder of Claim 8 wherein the polymer has a particle size distribution such that essentially all the particles have a diameter in the range from 130 to 450 nm.